

SONY®

Portable **CD/DVD** **Player**

Operating Instructions _____ **US**

Manual de instrucciones _____ **ES**



DVP-FX820

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WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

The AC power cord must be changed only at a qualified service shop.

Batteries or batteries installed apparatus shall not be exposed to excessive heat such as sunshine, fire or the like.

CAUTION

The use of optical instruments with this product will increase eye hazard. As the laser beam used in this CD/DVD player is harmful to eyes, do not attempt to disassemble the cabinet.

Refer servicing to qualified personnel only.

CAUTION CLASS 1 INVISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFECTED. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.

This label is located on the bottom of the unit.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Precautions

- Install this system so that the AC power cord can be unplugged from the wall socket immediately in the event of trouble.
- The player is not disconnected from the AC power source as long as it is connected to the wall outlet, even if the player itself has been turned off.
- To prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the apparatus.

For customers in the U.S.A. Owner's Record

The model and serial numbers are located at the bottom of the unit. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product. Model No. DVP-FX820
Serial No. _____

CAUTION

You are cautioned that any change or modifications not expressly approved in this manual could void your authority to operate this equipment.

Note

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

IMPORTANT SAFETY INSTRUCTIONS

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/ accessories specified by the manufacturer.

12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13) Unplug this apparatus during lightning storms or when unused for long periods of time.

14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

RECYCLING LITHIUM-ION BATTERIES

Lithium-Ion batteries are recyclable. You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you.



For more information regarding recycling of rechargeable batteries, call toll free 1-800-822-8837, or visit <http://www.rbrc.org/>

Caution: Do not handle damaged or leaking Lithium-Ion batteries.

For the State of California, USA only

Perchlorate Material – special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate

Perchlorate Material: Lithium battery contains perchlorate.

Precautions

Road safety

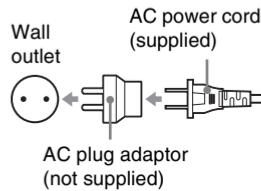
Do not use the monitor unit and headphones while driving, cycling, or operating any motorized vehicle. Doing so may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play your headsets at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

On safety

Should any solid object or liquid fall into the cabinet, unplug the player and have it checked by qualified personnel before operating it any further.

On power sources

- The power requirements of this unit are indicated on the AC adaptor. Check that the unit's operating voltage is identical with your local power supply.
- If you are not going to use the player for a long time, be sure to disconnect the player from the wall outlet. To disconnect the AC power cord, grasp the plug itself; never pull the cord.
- Do not touch the AC power cord or the AC adaptor with wet hands. Doing so may cause shock hazard.
- Use a commercially available AC plug adaptor, if necessary, depending on the design of the wall outlet.



On temperature increases

Heat may build up inside the player during charging or if it is being used for a long time. This is not a malfunction.

On placement

- Place the player in a location with adequate ventilation to prevent heat build-up in the player.
- Do not place the player in a confined space such as a bookshelf or similar unit.
- Do not cover the ventilation of the player with newspapers, tablecloths, curtains, etc. And do not place the player on a soft surface, such as a rug.
- Do not place the player in a location near heat sources, or in a place subject to direct sunlight, excessive dust, sand, moisture, rain, or mechanical shock, or in a car with its windows closed.
- Do not place the player in an inclined position. It is designed to be operated in a horizontal position only.
- Keep the player and discs away from equipment with strong magnet, such as microwave ovens, or large loudspeakers.
- Do not place heavy objects on the player.

On operation

- If the player is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lenses inside the player. Should this occur, the player may not operate properly. In this case, remove the disc and leave the player turned on for about half an hour until the moisture evaporates.
- Keep the lens on the player clean and do not touch it. Touching the lens may damage the lens and cause the player to malfunction. Leave the disc lid closed except when you insert or remove discs.

On Liquid Crystal Display

- Although manufactured with high precision technology, the LCD may occasionally display dots of various colors. That is not a malfunction.
- Do not wipe the LCD surface with wet cloth. If water enters, a malfunction may result.
- Do not place or drop any object onto the LCD surface. Also, do not apply pressure from hands or elbows.
- Do not damage the LCD surface with a sharp edged tool.
- Do not close the LCD panel with a pen, etc., on the disc lid.

- If the player is brought directly from a cold to a warm location, moisture may condense over the LCD surface. In which case, wipe out the moisture with tissue paper, etc., before use. However, moisture condensation will continue if the LCD surface is cold. Wait until the surface warms to room temperature.

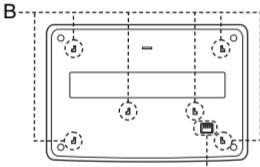
On AC adaptor

- Use the supplied AC adaptor for this player, as other adaptors may cause a malfunction.
- Do not disassemble or reverse-engineer.
- Do not drop or apply shock.
- Do not confine the AC adaptor in a closed place such as a bookshelf or an AV cabinet.
- Do not connect the AC adaptor to a traveler's electric transformer, which may generate heat and cause a malfunction.

On battery pack

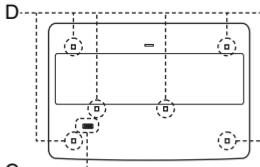
- Certain countries may regulate disposal of the battery used to power this product. Please consult with your local authority.
- Because of the battery's limited life, its capacity gradually deteriorates over time and repeated use. Purchase a new one when the battery holds about only half the normal period.
- The battery may not be charged to its fullest capacity when charged for the first time, or when it has not been used for a long time. The capacity recovers after being charged and discharged several times.
- Do not leave the battery pack in a car or direct sunlight, where temperature goes up above 60 °C (140°F).
- Do not expose to water.
- Avoid short-circuiting the battery connecting jacks (A) located on the bottom of the player and the connecting jacks (C) on the battery pack with metal objects such as a necklace.
- Make sure dust or sand does not enter the battery connecting jacks (A) and the guide holes (B) located on the bottom of the player, and the connecting jacks (C) and the guide holes (D) on the battery pack.

Bottom of the player



A

Battery pack



C

On car adaptor

- Use the supplied car adaptor for this player, as other adaptors may cause a malfunction.
- Do not disassemble or reverse-engineer.
- Do not drop or apply shock.
- Do not touch the metal parts, as it may cause a short and damage the car adaptor, especially if touched by other metal objects.
- Do not place the car adaptor in a location near heat sources, or in a place subject to direct sunlight or mechanical shock, or in a car with its windows closed.

On adjusting volume

Do not turn up the volume while listening to a section with very low level inputs or no audio signals. If you do, the speakers may be damaged when a peak level section is played.

On headphones

- Preventing hearing damage**
Avoid using headphones at high volumes. Hearing experts advise against continuous, loud, and extended play. If you experience a ringing in your ears, reduce the volume or discontinue use.
- Showing consideration for others**
Keep the volume at a moderate level. This will allow you to hear outside sounds and still be considerate to the people around you.

On cleaning

Clean the cabinet, panel, and controls with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine.

On cleaning discs, disc/lens cleaners

Do not use cleaning discs or disc/lens cleaners (including wet or spray types). These may cause the apparatus to malfunction.

IMPORTANT NOTICE

Caution: This player is capable of holding a still video image or on-screen display image on your television screen indefinitely. If you leave the still video image or on-screen display image displayed on your TV for an extended period of time you risk permanent damage to your television screen. Plasma display panel televisions and projection televisions are susceptible to this.

If you have any questions or problems concerning your player, please consult your nearest Sony dealer.

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About This Manual

- Instructions in this manual describe the controls on the remote. You can also use the controls on the player if they have the same or similar names as those on the remote.
- “DVD” may be used as a general term for DVD VIDEOS, DVD+RWs/DVD+Rs (+VR mode) and DVD-RWs/DVD-Rs (video mode).
- The meaning of the icons used in this manual is described below:

Icons	Meaning
	Functions available for DVD VIDEOS and DVD+RWs/DVD+Rs in +VR mode or DVD-RWs/DVD-Rs in video mode
	Functions available for music CDs or CD-Rs/CD-RWs in music CD format
	Functions available for DATA CDs (CD-ROMs/CD-Rs/CD-RWs containing MP3* audio tracks, and JPEG image files)
	Functions available for DATA DVDs (DVD-ROMs/DVD+RWs/DVD+Rs/ DVD-RWs/DVD-Rs containing MP3* audio tracks, and JPEG image files)

* MP3 (MPEG-1 Audio Layer III) is a standard format defined by ISO (International Organization for Standardization)/IEC (International Electrotechnical Commission) MPEG which compresses audio data.

This Player Can Play the Following Discs

Format of discs

DVD VIDEO



DVD-RW/-R
(finalized disc)



DVD+RW/+R
(finalized disc)



Music CD



CD-RW/-R



“DVD+RW,” “DVD-RW,” “DVD+R,” “DVD-R,” “DVD VIDEO,” and “CD” logos are trademarks.

Note about CDs/DVDs

The player can play CD-ROMs/CD-Rs/CD-RWs recorded in the following formats:

- music CD format
- MP3 audio tracks and JPEG image files of format conforming to ISO 9660* Level 1, or its extended format, Joliet
- KODAK Picture CD format
- * A logical format of files and folders on CD-ROMs, defined by ISO (International Organization for Standardization).

The player can play DVD-ROMs/ DVD+RWs/DVD-RWs/DVD+Rs/DVD-Rs recorded in the following format:

- MP3 audio tracks and JPEG image files of format conforming to UDF (Universal Disk Format).

Example of discs that the player cannot play

The player cannot play the following discs:

- Blu-ray discs.
- Discs recorded in AVCHD format.
- HD DVDs.
- DVD-RAMs.
- CD-ROMs/CD-Rs/CD-RWs other than those recorded in the formats listed on this page.
- CD-ROMs recorded in PHOTO CD format.
- Data part of CD-Extras.
- DVD Audio discs.
- DATA DVDs that do not contain MP3 audio tracks or JPEG image files.
- HD layer on Super Audio CDs.

Also, the player cannot play the following discs:

- A DVD VIDEO with a different region code.
- A disc recorded in a color system other than NTSC, such as PAL or SECAM.
- A disc that has a non-standard shape (e.g., card, heart).
- A disc with paper or stickers on it.
- A disc that has the adhesive of cellophane tape or a sticker still left on it.

Notes

• Notes about DVD+RWs/DVD+Rs, DVD-RWs/DVD-Rs or CD-Rs/CD-RWs

Some DVD+RWs/DVD+Rs, DVD-RWs/DVD-Rs, or CD-Rs/CD-RWs cannot be played on this player due to the recording quality or physical condition of the disc, or the characteristics of the recording device and authoring software.

The disc will not play if it has not been correctly finalized. For more information, refer to the operating instructions for the recording device. Note that some playback functions may not work with some DVD+RWs/DVD+Rs, even if they have been correctly finalized. In this case, view the disc by normal playback. Also some DATA CDs/DATA DVDs created in Packet Write format or multiple sessions cannot be played.

• Notes about DVD+R DLs/DVD-R DLs

MP3 and JPEG files recorded on the second layer of a DVD+R DL/-R DL (double layered) may not be playable.

- **Music discs encoded with copyright protection technologies**

This product is designed to playback discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

- **Note on DualDiscs**

A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side. However, since the audio material side does not conform to the Compact Disc (CD) standard, playback on this product is not guaranteed.

Trademarks

- Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.
- Manufactured under license under U.S. Patent #: 5,451,942 & other U.S. and worldwide patents issued & pending. DTS and DTS Digital Out are registered trademarks and the DTS logos and Symbol are trademarks of DTS, Inc. ©1996-2007 DTS, Inc. All Rights Reserved.

Region code

It is the system that is used to protect copyrights. The region code is shown on the DVD VIDEO packages according to the region of sale. DVD VIDEOs labeled "ALL" or "1" will play on this player.



Note on playback operations of DVDs

Some playback operations of DVDs may be intentionally set by software producers. Since this player plays DVDs according to the disc contents the software producers designed, some playback features may not be available. Also, refer to the instructions supplied with the DVDs.

Copyrights

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

Checking the Accessories

Check that you have the following items:

- Audio/video cord (mini plug \times 2 \leftrightarrow phono plug \times 3) (1)
- AC power cord (1)
- AC adaptor (1)
- Car battery adaptor (1)
- Battery pack (NP-FX110) (1)
- Remote (with battery) (1)

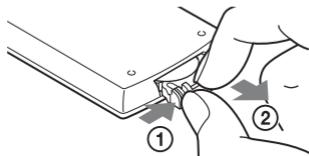
Using the Remote

When operating, point it at the remote sensor  on the player.

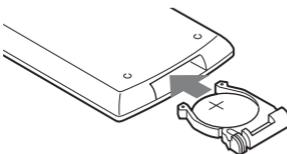
To replace the remote control battery

Insert a lithium battery CR2025 matching the \oplus and \ominus ends of the battery.

1 Pull out the battery holder (②) while pressing the lock lever (①).



3 Insert the new battery in the battery holder with the \oplus side up and then push the holder fully.



2 Remove the old battery.

Notes

- Do not expose the remote sensor  to direct sunlight or a lighting apparatus. Doing so may cause a malfunction.
- No button operation can be made, when the battery drains. If the remote does not work at all, change the battery and check the status.

WARNING

Battery may explode if mistreated.

Do not recharge, disassemble or dispose of in fire.

CAUTION

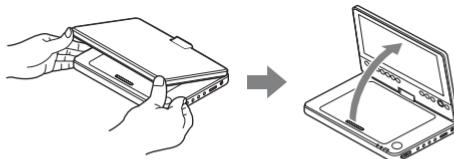
Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type.

Using the LCD Panel

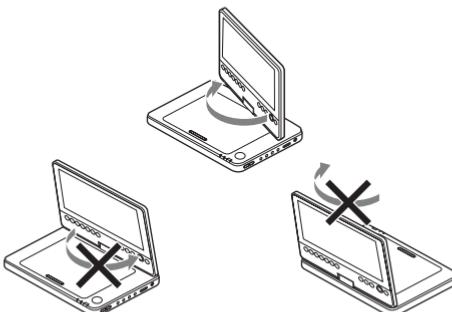
The LCD panel of the player can rotate a maximum of 180 degrees clockwise and still be used. After rotation of the LCD panel, it can be folded down on the main body of the player and still function.

Rotating the LCD panel

- 1 Place the player on a table or other flat stable surface.
- 2 Push the LCD panel up with your thumbs until it is open to the vertical position.

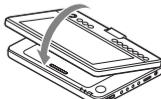


- 3 Slowly rotate the LCD panel 180 degrees in the direction indicated by the arrow (clockwise).



Rotating and folding down the LCD panel

After rotating the LCD panel 180 degrees clockwise push the LCD panel down onto the main body of the player. In this position the panel is facing up.



To return the LCD panel to its original position

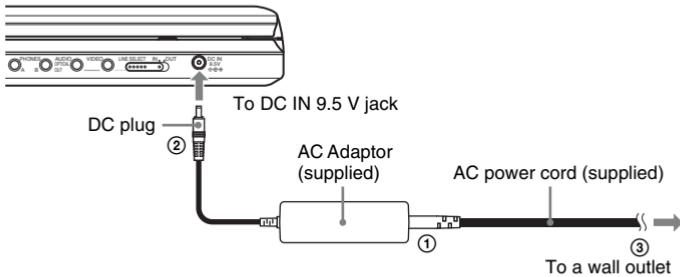
Open the LCD panel to the vertical position and rotate the LCD panel counter-clockwise slowly.

Notes

- Do not rotate the LCD panel over 180 degrees. In addition, do not rotate in the opposite direction. Doing so will break the LCD panel.
- If the LCD panel does not fully open, do not further rotate it. The LCD panel may become damaged.
- Return the LCD panel to its original positions after use. The LCD screen can be damaged by sudden shocks or similar treatment.

Connecting the AC Adaptor

Connect the AC adaptor (supplied) in the order of ① to ③ below.
To disconnect, follow the steps in reverse order.



Note

Stop playback before disconnecting the AC power cord. Failure to do so may cause a malfunction.

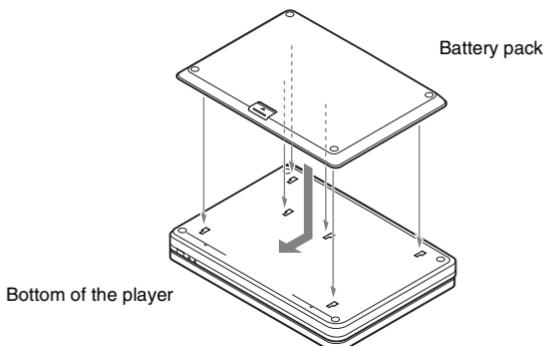
Using with the Battery Pack

When an AC power connection is not available, the player can be enjoyed with the battery pack (supplied) installed.

Please charge the battery pack before using it.

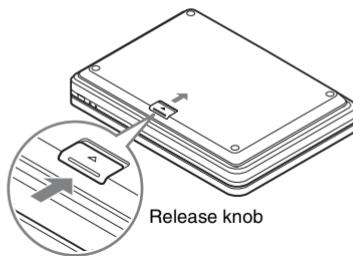
Installing the battery pack

- 1 Aligning the battery pack with the lines on the player's bottom, engage the hooks of the battery pack in the holes on the bottom of the player.
- 2 Slide the battery pack in the direction of the arrow until it clicks into place.



To remove the battery pack

Push the release knob and slide the battery pack in the direction of the arrow.

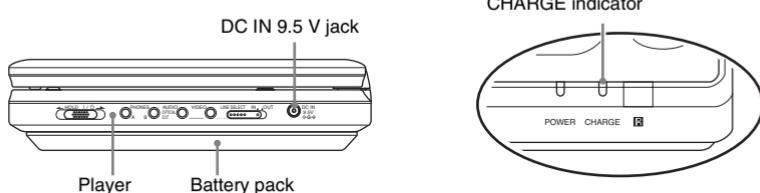


Notes

- Turn the player off before installing the battery pack.
- Do not remove the battery pack during playback.
- Do not touch the connecting points of the player and the battery pack. Doing so may cause a malfunction.
- Be careful not to drop the battery pack when installing and removing it.

Charging the battery pack

- 1 Attach the battery pack to the player (page 12).
- 2 Connect the AC adaptor to the player, and then connect the AC power cord into a wall outlet (page 11).



When charging begins, the CHARGE indicator turns on.

When charging ends, the CHARGE indicator turns off.

- 3 After charging is finished, disconnect the AC power cord from the wall outlet and remove the AC adaptor.

To check the battery level

When the player is stopped, a battery indicator is displayed on the screen. Recharge the battery, when  is displayed or the CHARGE indicator flashes.



The battery indicator is not displayed when a DVD or JPEG file are being played. Stop the player and check the battery level.

Charging time and maximum playing time

Charging time (with the player turned off) Playing time (with the display turned on)

Approx. 6 hours	Approx. 6 hours*
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* This is the indication of the longest continuous playback on the following conditions.

– normal temperature (20°C (68°F))

– Headphone Use

– Set Backlight Adjustment to the Minimum

– Set “Digital Output” to “Off” in “Audio Setup.”

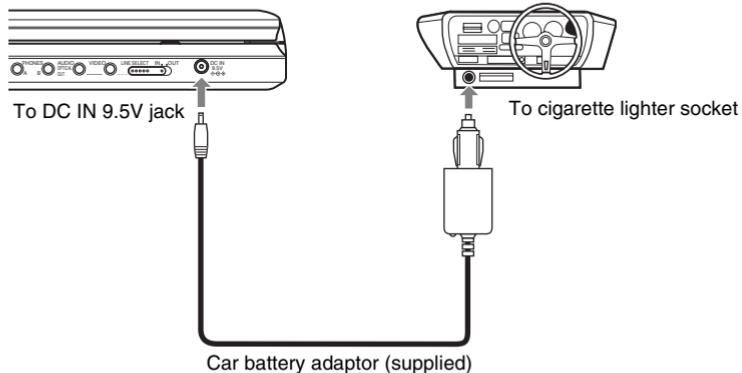
Battery condition may reduce operating time.

Notes

- The battery indicator does not appear on the screen when the AC adaptor is used or when inputting from external sources.
- Charging times may differ from that indicated above due to conditions of use, environment, and other factors. The recommended charge up surrounding temperature is in the 10-30°C (50-86°F) range.

Using with the Car Battery Adaptor

Use the car battery adaptor (supplied) to supply power from the cigarette lighter socket to the player. The adaptor is for a 12V car battery. Do not use it with a 24V car battery. The adaptor is also for use with negatively grounded cars. Do not use it with cars grounded positively.



Hint

If the car adaptor interferes with car operation, use a commercial cigarette lighter extension cord.

Notes

- Do not use the car adaptor if it has been dropped or damaged.
- Arrange the cord so as not to interfere with the driver. Also, do not place the LCD panel where the driver can watch.
- If the picture is not clear, keep the player away from the car battery adaptor.
- Use the car battery adaptor with the car engine running. If it is used with the car engine off, the car battery may become unusable.
- If the cigarette lighter socket is dirty with ash, etc, a bad connection may cause the plug to heat up. Always clean well before use.
- The car battery adaptor may heat up while charging or after a long period of use. That is not a malfunction.

After using the car battery adaptor

After turning the player off, disconnect the car battery adaptor from the cigarette lighter socket.

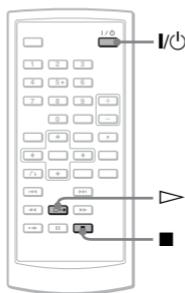
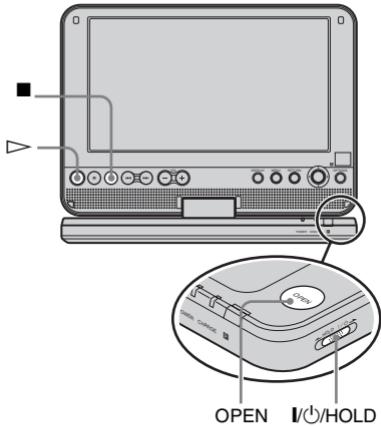
Notes

- Do not turn off the car engine while the player is turned on. Doing so stops the power supply and may cause damage to the player.
- Disconnect the car battery adaptor after use. Since some cars supply power to the cigarette lighter socket even when the engine is turned off, the car battery may discharge over time.
- When disconnecting the car battery adaptor, hold the plug to pull it out.
- When listening to the car radio, disconnect the car battery adaptor from the cigarette lighter socket to avoid noise.

Playing Discs

DVDVideo **CD** **DATA CD** **DATA DVD**

Depending on the DVD, some operations may be different or restricted. Refer to the operating instructions supplied with the disc. Connect the AC adaptor or install the battery pack.



1 Open the player's LCD panel.

Set the LINE SELECT switch on the player's right side to "OUT."

2 Press **I/O** on the remote or slide the **I/O/HOLD** switch of the player to "I/O."

The player turns on and the power indicator lights up in green.

3 Press **OPEN** to open the disc lid.

4 Insert the disc to be played.

Push with the playback side down until it clicks.



Playback side facing down

5 Push the **PUSH CLOSE** on the player to shut the disc lid.

6 Press **▶**.

Playback starts.

- Some discs may start playing automatically after the disc lid is shut.
- Depending on the disc, a menu may appear on the screen. See page 17 for details.
- After all titles have been played, the player will stop itself and the display will return to the menu screen.

Notes

- If the disc is inserted with playback side up, a "No Disc" or "Cannot play this disc." message appears.
- Discs created on DVD recorders must be correctly finalized to play on this player. For more information about finalizing, refer to the operating instructions supplied with the DVD recorder.
- The disc may be still spinning when the disc lid is opened. Wait until the spinning stops before removing the disc.

- During operation, “” may appear on the screen. This symbol indicates that a function explained in this operating instruction is not available on the current DVD VIDEO.

To stop playback

Press .

Pressing  again will start playback from the point you stopped (Resume Play). See page 17 for details.

To play from the beginning, press  twice, then press .

To turn off the power

Press the remote's  button or slide the player's /HOLD switch to “”.

To avoid accidental button operation on the player

Set the player's /HOLD switch to “HOLD.” All the buttons on the player are locked, while the button on the remote remains operable.

To play DTS sound tracks on a DVD VIDEO

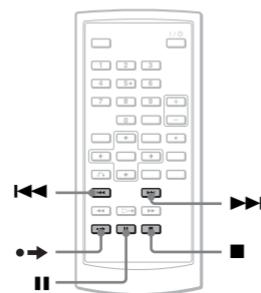
- The player's speaker does not output DTS sound. When you play DTS sound tracks on a DVD VIDEO, connect the player to an AV amplifier (receiver) (page 35) and set up “DTS” in “Audio Setup” (page 31).
- If you connect the player to audio equipment such as an AV amplifier (receiver) without a DTS decoder, do not set “DTS” to “On” in “Audio Setup” (page 31). A loud noise may come out from the speakers, which may affect your ears or cause speaker damage.

Notes

- A screen saver image appears when you leave the player in pause or stop without operation for more than 15 minutes. The image disappears when you press . See page 30 for details.
- The player turns off, 15 minutes after starting the screen saver function (Auto Power Off).

Additional playback operations

DVDVideo CD DATA CD DATA DVD



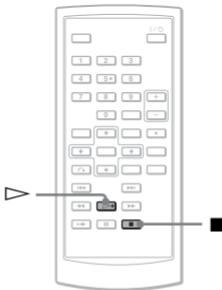
To	Operation
Stop	Press  .
Pause	Press  .
Go to the next chapter, track, or scene in continuous play mode	Press  .
Go back to the previous chapter, track, or scene in continuous play mode	Press  .
Briefly fast forward the current scene*	Press  during playback.

* DVD VIDEOs only.

The above functions may not be used for some scenes.

Resuming playback from the point where you stopped the disc (Resume Play) **DVDVideo CD**

When you stop playback, the player remembers the stop point and displays a message on the screen. You can resume from the same point by pressing ▶ again. Resume Play works even after the player is turned off, as long as the disc lid is kept closed.



1 While playing a disc, press ■ to stop playback.

A message appears.

2 Press ▶.

The player starts playback from the point you stopped in step 1.

Hints

- To play from the beginning of the disc, press ■ twice, then press ▶.
- When turning power on again after power off, resume play starts automatically.

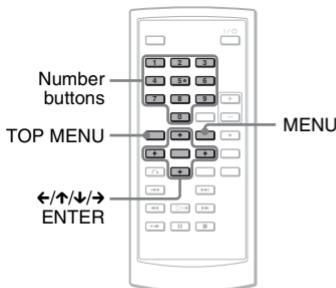
Notes

- Depending on the stop point, Resume play may not start from exactly the same point.
- The point where you stopped playing is cleared when:
 - you open the disc lid.
 - you disconnect the battery pack and the AC adaptor.
 - you change the LINE SELECT switch setting.

Using the DVD's menu **DVDVideo**

A DVD is divided into long sections of a picture or a music feature called "titles." When you play a DVD containing several titles, you can select the title you want using the TOP MENU button.

When you play DVDs that allow you to select items such as language for the sound and subtitles, select these items using the MENU button.



1 Press TOP MENU or MENU.

The disc's menu appears on the screen. The contents of the menu vary from disc to disc.

2 Press </>/↑/↓/→ or the number buttons to select the item you want to play or change.

3 Press ENTER.

Note

Depending on the disc, you may not be able to use </> of the player for the disc menu. In this case, use </> on the remote.

Changing the sound

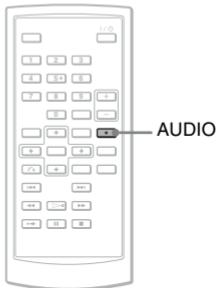
DVDVideo CD

When playing a DVD VIDEO recorded in multiple audio formats (PCM, Dolby Digital, or DTS), you can change the audio format. If the DVD VIDEO is recorded with multilingual tracks, you can also change the language.

With CDs, you can select the sound from either the right or left channel and listen to the sound of the selected channel through both the right and left speakers. For example, when playing a disc containing a song with the vocals on the right channel and the instruments on the left channel, you can hear the instruments from both speakers by selecting the left channel.

Notes

- Depending on the disc, you may not be able to change the audio format, even if it is recorded in multiple audio formats.
- If "DTS" in "Audio Setup" is set to "Off" (page 31), the DTS track selection option will not appear on the screen even if the disc contains DTS tracks.
- When playing DTS sound tracks on a CD, you cannot change the sound.



1 Press AUDIO repeatedly to select the desired audio signal.

The default setting is underlined.

◆ When playing a DVD VIDEO

Depending on the DVD VIDEO, the choice of language varies.

When the same language is displayed two or more times, the DVD VIDEO is recorded in multiple audio formats.

◆ When playing a CD

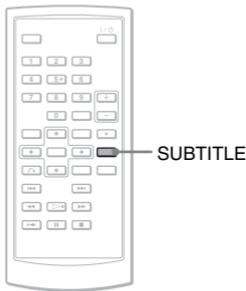
- Stereo: the standard stereo sound
- Left: the sound of the left channel (monaural)
- Right: the sound of the right channel (monaural)

Hints

- You can check of the current audio format (Dolby Digital, DTS, PCM, etc.) by pressing AUDIO repeatedly while playing a DVD VIDEO.
- You can switch the sound in the Playback Settings Display while playing a DVD (page 20).

Displaying the subtitles DVDVideo

If subtitles are recorded on the disc, you can change the subtitles or turn them on and off whenever you want while playing a DVD.



1 Press SUBTITLE repeatedly to select a setting.

Depending on the disc, the choice of language varies.

To turn off the subtitles

Select "Subtitle Off" in step 1.

Hint

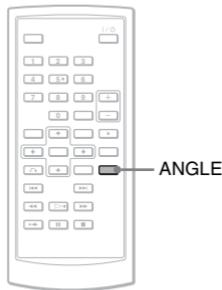
You can switch the subtitles in the Playback Settings Display while playing a DVD (page 20).

Notes

- Depending on the DVD VIDEO, you may not be able to change the subtitles even if multilingual subtitles are recorded on it. You also may not be able to turn them off.
- While you play a disc with subtitles, the subtitle may disappear when you press **•→**.

Changing the angles DVDVideo

If various angles (multi-angles) for a scene are recorded on the DVD VIDEO, "ANGLE" appears on the screen. This means that you can change the viewing angle.



1 Press ANGLE repeatedly to select an angle number.

The scene changes to the selected angle.

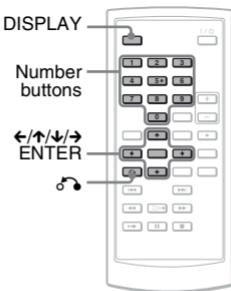
Notes

- Some DVD VIDEOS prohibit changing angles even when multi-angles are recorded.
- You cannot change angles during Slow Play or Scan Play.
- "ANGLE" (angle mark) does not appear when "Angle Mark" in "General Setup" is set to "Off" (page 30).

Using the Playback Settings Display

DVDVideo

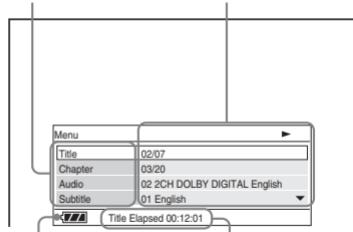
While playing a DVD, you can check the current playback settings on the screen. The Playback Settings Display also allows you to change sound, subtitle, and angle or search for a title or track by inputting numbers.



1 Press DISPLAY while playing a DVD.

The Playback Settings Display appears.
Example: When playing a DVD VIDEO

Items Current playback settings



Battery status Elapsed or remaining time

The corresponding icon for Play, Pause, Search, or Slow Play is displayed in the upper right corner of the screen.

2 Press \uparrow/\downarrow to select the desired item and press ENTER.

- Title
- Chapter
- Audio
- Subtitle
- Angle

- T.Time
- C.Time
- Repeat
- Time Disp.

3 Press \uparrow/\downarrow to select the setting, and press ENTER.

To enter numbers, use the number buttons or \uparrow/\downarrow .

Note

Depending on the disc, you may not be able to set some options.

To turn off the display

Press DISPLAY or \circlearrowleft RETURN.

Searching for a title/chapter, etc. DVDVideo

By entering the number or the time code, you can search a DVD by title or chapter.

1 Press \uparrow/\downarrow to select the search method on the Playback Settings Display, and press ENTER.

- Title
- Chapter
- T.Time*
- C.Time*

* You can search the title or chapter of a DVD VIDEO by entering the time code.

2 Press the number buttons or \uparrow/\downarrow to select the title or chapter number, and press ENTER.

The player starts playback from the selected number.

When you select “T.Time” or “C.Time” in step 1, “00:00:00” will appear on the screen. Enter the desired time code using the number buttons, and press ENTER. Playback starts from the entered time code. Elapsed or remaining time appears on the footer of the Playback Settings Display.

Hints

- You can use direct search without displaying the control menu. See page 22 for details.
- See page 22 for details about searching for a CD.

Notes

- The displayed title/chapter number is the same as the number recorded on the disc.
- Depending on the disc, you may not be able to use the time code.

Playing a DVD VIDEO repeatedly (Repeat Play) **DVDVideo**

You can play all of the titles on a DVD VIDEO, or a single title or chapter repeatedly.

- 1 **Select “Repeat” on the Playback Settings Display, and press ENTER.**
- 2 **Press \uparrow/\downarrow to select the setting, and press ENTER.**
 - \leftarrow Chapter: repeats the current chapter.
 - \leftarrow Title: repeats the current title.
 - \leftarrow All: repeats all of the titles.

To return to normal play

Select “Off” in step 2.

Hint

When playing a CD repeatedly, use MENU (page 23).

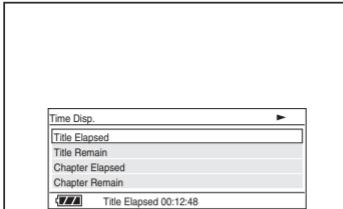
Note

Depending on the disc, the Repeat function may not be available.

Checking the playing time and remaining time **DVDVideo**

You can check the playing time and remaining time of the current title or chapter.

- 1 **Select “Time Disp.” on the Playback Settings Display, and press ENTER.**



- 2 **Press \uparrow/\downarrow to select the time information setting, and press ENTER.**

- Title Elapsed
- Title Remain
- Chapter Elapsed
- Chapter Remain

Hint

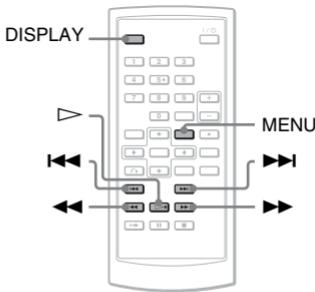
See page 24 for details about displaying the elapsed time of a CD.

Note

The default setting for “Time Disp.” is “Title Elapsed.” After selecting an other option of “Time Disp.” and exiting from the Playback Settings Display, the “Title Elapsed” appears when the Playback Settings Display is re-entered.

Searching for a Particular Point on a Disc (Search, Scan, Slow Play, Repeat Play, Random Play)

You can quickly locate a particular point on a disc by monitoring the picture or playing back slowly.



Notes

- Depending on the disc, you may not be able to perform some of the operations described.
- For DATA CDs/DATA DVDs, you can search for a particular point only on an MP3 audio track.

Locating a point quickly using the PREV (previous)/NEXT buttons (Search)

DVDVideo CD DATA CD DATA DVD

During playback, press **▶▶** or **◀◀** to go to the next or previous chapter/track.

Hint

When you know the chapter or track number, you can search directly by entering these numbers using the number buttons.

- While playing a DVD VIDEO, you can search for a title or chapter using the number buttons and ENTER. Press **◀/▶** to switch between title and chapter.
- While playing a CD, you can search for a track using the number buttons and ENTER.

Locating a point quickly by playing a disc in fast forward or fast reverse (Scan)

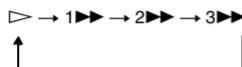
DVDVideo CD DATA CD DATA DVD

Press **◀◀** or **▶▶** to fast reverse or fast forward during playback. To return to normal play, press **▶**.

Each time you press **◀◀** or **▶▶** during scan, the scan speed changes.

With each press the indication changes as shown below.

◆ Playback direction



◆ Opposite direction



The “3▶▶”/“3◀◀” playback speed is faster than “2▶▶”/“2◀◀” and the “2▶▶”/“2◀◀” playback speed is faster than “1▶▶”/“1◀◀”.

Hint

◀/▶ on the player works the same as **◀◀/▶▶** on the remote, and ENTER on the player works the same as **▶** on the remote. This function is effective when you play back a DVD.

Notes

- No sound is output during Scan play for a DVD.
- Scan speed differs depending on the disc type.

Watching frame by frame (Slow Play)

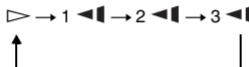
DVD Video

Press **◀◀** or **▶▶** when the player is in pause mode. To return to normal speed, press **▷**. Each time you press **◀◀** or **▶▶** during Slow Play, the playback speed changes. With each press the indication changes as follows:

◆ Playback direction



◆ Opposite direction



The “3▶▶”/“3◀◀” playback speed is slower than “2▶▶”/“2◀◀” and the “2▶▶”/“2◀◀” playback speed is slower than “1▶▶”/“1◀◀.”

Note

Slow speed differs depending on the disc type.

Playing CD repeatedly or in random order (Repeat Play, Random Play) CD

You can play all of the tracks on a disc, or a single track repeatedly (Repeat Play).

Also, you can play the tracks in random order, too (Random Play).

1 Press MENU repeatedly during playback to select the playback mode.

- Track: repeats the current track.
- All: repeats all tracks on the disc.
- Random: plays all tracks on the disc randomly.

To return to normal play

Select “ Off” in step 1.

Hint

During Random Play, you can start playing other randomly selected track by pressing **▶▶**.

Notes

- Depending on the disc, Random Play may not be available.
- The same track may be repeated several times in Random Play.

Checking the play information of the disc **DVDVideo** **CD**

When playing a DVD

Press DISPLAY while playing a DVD, and then use the Playback Settings Display (page 20).

When playing a CD

Press DISPLAY.

The playing track number/the total number of tracks and the elapsed time of the current track appear. Press DISPLAY repeatedly to switch the time information as below.

- Track Elapsed
- Track Remain
- Disc Elapsed
- Disc Remain

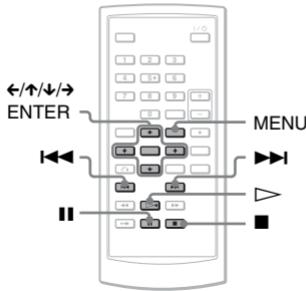
Note

The player does not display "Disc Elapsed" or "Disc Remain" on the screen when playing a CD in Random Play.

Playing MP3 Audio Tracks or JPEG Image Files **DATA CD** **DATA DVD**

You can play MP3 audio tracks and JPEG image files on DATA CDs (CD-ROMs/CD-Rs/CD-RWs) or DATA DVDs (DVD-ROMs/DVD+RWs/DVD+Rs/DVD-RWs/DVD-Rs). For playable MP3 audio files and JPEG image files, see page 39.

When you insert DATA CDs and DATA DVDs, the list of albums appears.



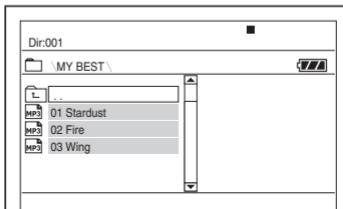
Note

DATA CDs recorded in KODAK Picture CD format automatically start playing when inserted.

Playing an MP3 audio track

1 Press **↑/↓** to select an album on the list, and press **ENTER**.

The list of tracks in the album appears.



- To go to the next or previous page, press **▶▶** or **◀◀**.
- To return to the list of albums, press **↑/↓** to select **[..]** and press **ENTER**.

2 Press **↑/↓** to select the track you want to play, and press **ENTER**.

Playback starts from the selected track.

To go to the next or previous MP3 audio track

Press **▶▶** or **◀◀**.

To stop playback

Press **[■]**.

To pause playback

Press **[■]**.

To restart playback, press **[■]** again.

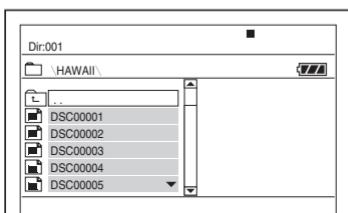
Notes

- The total albums and files the player can recognize is about 648.
- The number of albums in a disc the player can recognize is about 299.

Playing a JPEG image file

1 Press **↑/↓** to select an album on the list, and press **ENTER**.

The list of files in the album appears.

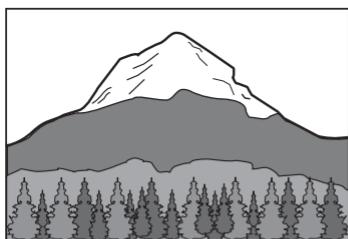


- To go to the next or previous page, press **▶▶** or **◀◀**.
- To return to the list of albums, press **↑/↓** to select **[..]** and press **ENTER**.

2 Press **↑/↓** to select the image you want to view, and press **ENTER**.

The selected image appears.

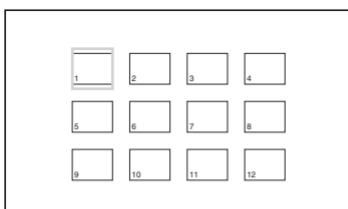
Example:



To display the list of thumbnails

Press **MENU** when a file is displayed on the screen.

The image files in the album appear in 12 subscreens with the displayed file in the lead.



- To move to the previous or next page of the thumbnail list display, select “◀Prev” or “Next▶” under the screen.

- To exit the list of thumbnails, press MENU.

To go to the next or previous JPEG image file

Press **▶▶** or **◀◀**.

To rotate a JPEG image

Press **↖/↑/↙/↓** while viewing the image.

↑: Reverses the image vertically (up and down).

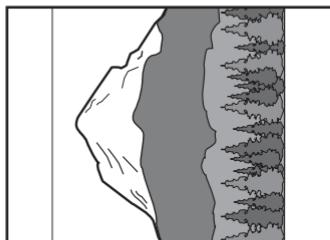
↓: Reverses the image horizontally (left and right).

↗: Rotates the image 90 degrees clockwise.

↖: Rotates the image 90 degrees counter clockwise.

Note that the view also returns to normal if you press **◀◀/▶▶** to go to the next or previous image.

Example: when **↖** is pressed once.



To stop viewing the JPEG image

Press **■**.

The display returns to the list of files.

Notes

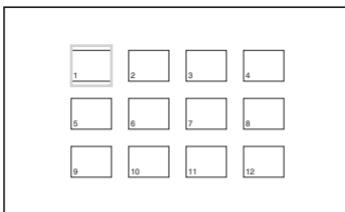
- Images may take time to appear due to the number of recorded files or the size of the folders. If no image appears after a few minutes, some of the files included may be too large.
- Some JPEG files, especially progressive JPEG files or JPEG files of 3,000,000 pixels or more, may take longer to display than others.
- The player cannot play the JPEG image file that is larger than 3078 (width) x 2048 (height) in normal mode, or more than 3,300,000 pixels in progressive JPEG. (Some progressive JPEG files cannot be displayed even if the size is within this specified capacity.)
- The total albums and files the player can recognize is about 648.
- The number of albums in a disc the player can recognize is about 299.

Enjoying JPEG Images as a Slide Show

You can play JPEG image files on a DATA CD or DATA DVD successively as a slide show.

- 1 While displaying the file you want to start a slideshow, press MENU.

The list of thumbnails appears.



- 2 Press **↖/↑/↙/↓** to select "Slide Show" at the bottom of the screen, and press ENTER.

A slideshow starts from the displayed file.

To pause slideshow

Press **■**. By pressing **■** again or **▶**, you can return to slideshow.

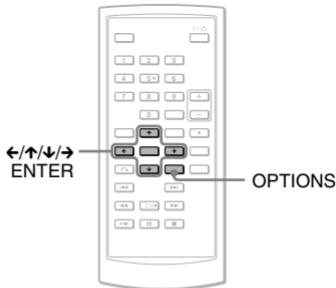
To stop slideshow

Press **■** or MENU.

Adjusting the Picture Size and Quality

DVDVideo DATA CD DATA DVD

You can adjust the picture displayed on the LCD screen. See “General Setup” (page 29), when outputting the video signal to TV, etc.



1 Press OPTIONS.

The Option Menu appears.

2 Press \uparrow/\downarrow to select “LCD Mode” and press ENTER.

The items for “LCD Mode” appear.

3 Press \uparrow/\downarrow to select items and press ENTER.

- LCD Aspect: Change the picture size. Select “Normal” or “Full” by pressing \uparrow/\downarrow *.
- Backlight: Adjust the brightness of the LCD screen by pressing \leftarrow/\rightarrow .
- Contrast: Adjust the difference between light and dark areas by pressing \leftarrow/\rightarrow .
- Hue: Adjust the red and green color balance by pressing \leftarrow/\rightarrow .
- Color: Adjust the richness of colors by pressing \leftarrow/\rightarrow .
- Default: Returns all settings to the factory defaults.

To turn off the Option Menu

Press OPTIONS or \leftarrow/\rightarrow RETURN.

Hints

- The screen turns off automatically when the LCD panel is closed.
- You can see the settings for the display in “General Setup” (page 29).

Note

Depending on the disc, the screen size you can select differs.

* In “Normal,” the pictures are displayed in the original configuration, retaining the aspect ratio. For example, a 4:3 picture will have black bands on both sides, and the letterbox pictures recorded either in 16:9 or 4:3 will have black bands on all sides. In “Full,” a 16:9 picture will be adjusted to fill the entire screen.

Settings and Adjustments

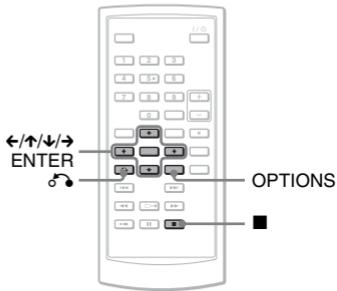
Using the Setup Display

By using the Setup Display, you can make various adjustments to items such as picture and sound. You can also set a language for the subtitles and the Setup Display, among other things.

For details on each Setup Display item, see pages from 29 to 33.

Note

Playback settings stored in the disc take priority over the Setup Display settings, and not all of the functions described may work.



1 Press OPTIONS when the player is in stop mode.

The Option Menu appears.

The Setup Display does not appear if Resume Play is activated. Cancel the Resume Play status first by pressing ■ twice, and the press OPTIONS.

2 Press \uparrow/\downarrow to select "Setup," then press ENTER.

The items for "Setup" appear.

General Setup		
	TV Display	16 : 9
	Angle Mark	On
	Screen Saver	On
	Default	

Select: \blacktriangleleft \triangleright \blacktriangleright [ENTER] Cancel: [RETURN]

3 Press \uparrow/\downarrow to select the desired Setup item from: "General Setup," "Audio Setup," "Language Setup," or "Parental Control," then press ENTER.

The Setup item is selected.

Example: "General Setup"

Selected item

General Setup		
	TV Display	16 : 9
	Angle Mark	On
	Screen Saver	On
	Default	

Select: \blacktriangleleft \triangleright \blacktriangleright [ENTER] Cancel: [RETURN]

Setup items

4 Press \uparrow/\downarrow to select an item, then press ENTER.

The settings for the selected item appear.
Example: "TV Display"

General Setup		
	TV Display	4 : 3 Pan Scan
	Angle Mark	4 : 3 Letter Box
	Screen Saver	• 16 : 9
	Default	

Select: \blacktriangleleft \triangleright \blacktriangleright [ENTER] Cancel: [RETURN]

Settings

5 Press \uparrow/\downarrow to select a setting, then press ENTER.

The setting is selected and setup is complete.

Example: "4:3 Pan Scan"

Selected setting

General Setup		
	TV Display	4 : 3 Pan Scan
	Angle Mark	On
	Screen Saver	On
	Default	

Select: \blacktriangleleft \triangleright \blacktriangleright [ENTER] Cancel: [RETURN]

To turn off the Setup Display

Press OPTIONS or  RETURN twice.

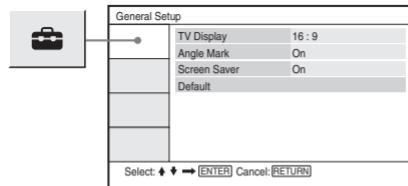
Settings for the Display

(General Setup)

Choose playback display options and settings according to the TV to be connected.

Select “General Setup” in the Setup Display. To use the display, see “Using the Setup Display” (page 28).

The default settings are underlined.



◆ TV Display (DVD only)

Selects the aspect ratio of the connected TV (4:3 standard or wide).

4:3 Pan Scan	Select this when you connect a 4:3 screen TV. Automatically displays a wide picture on the entire screen and cuts off the portions that do not fit.
4:3 Letter Box	Select this when you connect a 4:3 screen TV. Displays a wide picture with bands on the upper and lower portions of the screen.
<u>16:9</u>	Select this when you connect a wide-screen TV or a TV with a wide mode function.

4:3 Pan Scan



4:3 Letter Box



16:9



Note

Depending on the DVD, “4:3 Letter Box” may be selected automatically instead of “4:3 Pan Scan” or vice versa.

◆ Angle Mark

Displays the angle mark when you can change the viewing angles during playback of DVDs recorded with multi-angles.

<u>On</u>	Display the angle mark.
Off	Hide the angle mark.

◆ Screen Saver

The screen saver image appears when you leave the player in pause or stop mode for 15 minutes. The screen saver will help prevent your display device from becoming damaged (ghosting). Press ▶ to turn off the screen saver.

<u>On</u>	Activates the screen saver function.
Off	Deactivates the screen saver function.

◆ Default

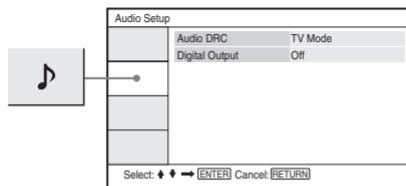
Each function returns to its original factory settings. Note that all of your settings will be lost.

Settings for the Sound (Audio Setup)

“Audio Setup” allows you to set the sound according to the playback and connection conditions.

Select “Audio Setup” in the Setup Display. To use the display, see “Using the Setup Display” (page 28).

The default settings are underlined.



◆ Audio DRC (Dynamic Range Control) (DVD only)

Makes the sound clear when the volume is turned down when playing a DVD that conforms to “Audio DRC.”

This function affects the output from the following jacks:

- AUDIO jack
- OPTICAL OUT jack only when “Dolby Digital” is set to “Downmix PCM” (page 31).

<u>Standard</u>	Normally, select this position.
<u>TV Mode</u>	Makes low sounds clear even if you turn the volume down.
<u>Wide Range</u>	Gives you the feeling of being at a live performance.

◆ Digital Output

Selects if audio signals are output via the OPTICAL OUT jack.

<u>On</u>	Normally select this position. When you select “On,” see “Setting the digital output signal” for further settings.
<u>Off</u>	The influence of the digital circuit upon the analog circuit is minimal.

Setting the digital output signal

Switches the method of outputting audio signals when you connect an audio equipment such as an AV amplifier (receiver) with the OPTICAL OUT jack.

For connection details, see page 35.

After setting “Digital Output” to “On,” select “Dolby Digital” and “DTS.”

If you connect a component that is incompatible with the selected audio signal, a loud noise (or no sound) may be heard from the speakers, damaging your ears or speakers.

◆ Dolby Digital (DVD only)

Selects the type of Dolby Digital signal.

Downmix	Select this when the player is connected to an audio component without a built-in Dolby Digital decoder.
Dolby Digital	Select this when the player is connected to an audio component with a built-in Dolby Digital decoder.

◆ DTS

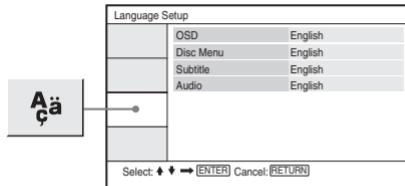
Selects whether or not to output DTS signals.

On	Select this when the player is connected to an audio component with a built-in DTS decoder.
Off	Select this when the player is connected to an audio component without a built-in DTS decoder.

Setting the Display or Sound Track Language (Language Setup)

“Language Setup” allows you to set various languages for the on-screen display or sound track.

Select “Language Setup” in the Setup Display. To use the display, see “Using the Setup Display” (page 28).



◆ OSD (On-Screen Display)

Switches the display language on the screen.

◆ Disc Menu (DVD VIDEO only)

Switches the language for the disc’s menu. When you select “Original,” the language given priority in the disc is selected.

◆ Subtitle (DVD VIDEO only)

Switches the subtitle language. When you select “Off,” no subtitle is displayed.

◆ Audio (DVD VIDEO only)

Switches the language of the sound track. When you select “Original,” the language given priority in the disc is selected.

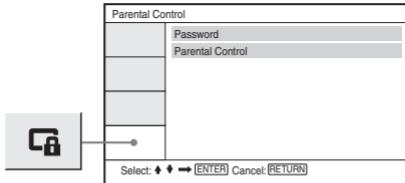
Note

If you select a language in “Disc Menu,” “Subtitle,” or “Audio” that is not recorded on the DVD VIDEO, one of the recorded languages will be automatically selected.

Parental Control Settings (Parental Control)

Playback of some DVD VIDEOS can be limited, by the parental control function.

Select “Parental Control” in the Setup Display. To use the display, see “Using the Setup Display” (page 28).



◆ Password

Enter or change a password. By setting a password, you can limit playback of a DVD that has the parental control function. When the Password option is first accessed, enter a new password (you do not need to enter the old password.).

◆ Parental Control

The lower the setting value, the stricter the limitation.

To set the parental control, you need the selected password in “Password,” therefore first set the password in the set up.

Changing the password

- 1 Press \uparrow/\downarrow to select “Password” in the Parental Control setting display, and press ENTER.
- 2 Select “Change,” and press ENTER. The display for entering the password appears.
- 3 Enter your current 6-digit password in the “Old Password” box.
- 4 Enter your new 6-digit password in the “New Password” box.
- 5 Enter your new 6-digit password once again in the “Verify Password” box, then press ENTER to confirm.

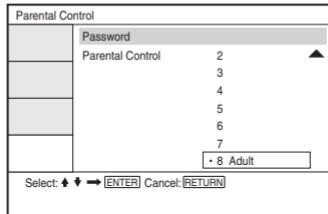
If you make a mistake entering your password

Press CLEAR, or press \leftarrow to return one by one before pressing ENTER in step 5, and then re-enter the password.

Setting the parental control (limited playback) DVDVideo

- 1 Press \uparrow/\downarrow to select “Parental Control” in the Parental Control setting display, and press ENTER.

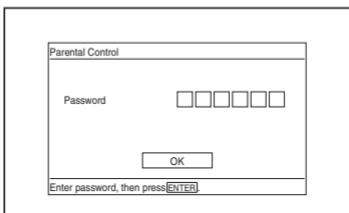
The display for setting the playback limitation level appears.



2 Press \uparrow/\downarrow to select the limitation level (1-8), and press ENTER.

The lower the value, the stricter the limitation.

The display for entering the password appears.



3 Enter or re-enter your 6-digit password using the number buttons, then press ENTER.

Parental Control setting is complete.

To play a disc for which Parental Control is set

1 Insert the disc and press \triangleright .

The display for entering your password appears.

2 Enter your 6-digit password using the number buttons, then press ENTER.

The player starts playback.

If you forget your password

Remove the disc and repeat the steps outlined in "Changing the password" (page 32). Enter "136900" in the "Old Password" box, and then enter your new 6-digit password in the "New Password" box and "Verify Password" box.

Notes

- When you play discs which do not have the Parental Control function, playback cannot be limited on this player.
- Depending on the disc, you may be asked to change the parental control level while playing the disc. In this case, enter your password, then change the level. If the Resume Play mode is cancelled, the level returns to the previous level.

Connecting to another device

To switch LINE SELECT (IN/OUT) switch

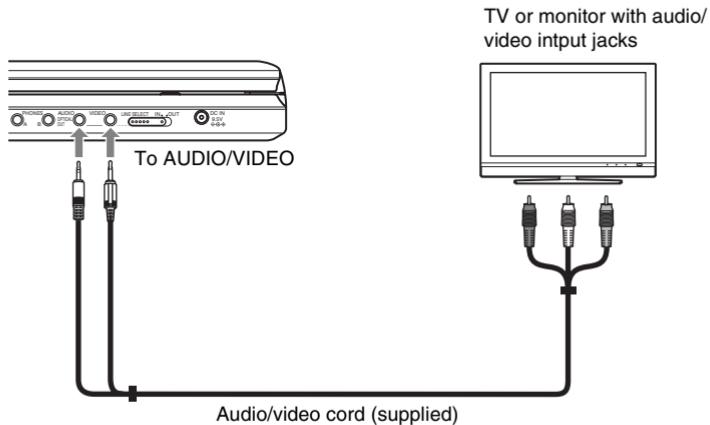
LINE SELECT IN: Input images or audio from an exterior device. The “Line in” message will be displayed on the LCD screen until the signal from the exterior device is received.

LINE SELECT OUT: Sends the playback signal from this player to a TV.

Notes

- Plug cords securely to prevent noise.
- Refer to the instructions supplied with the components to be connected.
- You cannot connect this player to a TV that does not have a video input jack.
- Be sure to disconnect the AC power cord of each component before connecting.
- Connect the player to the TV directly. Image quality may suffer when the video output from the player is passed through a video deck on to a TV.

Connecting to TV monitor

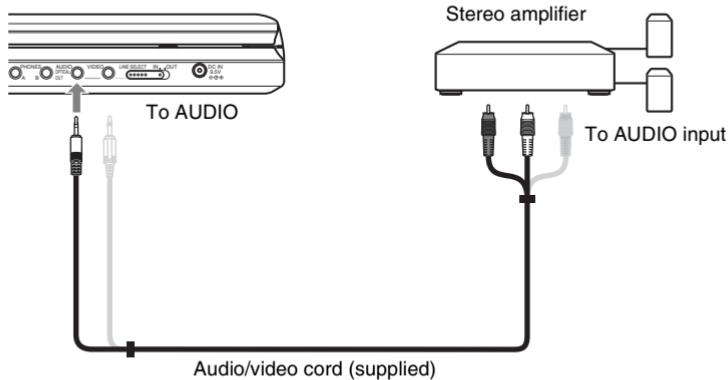


To send the playback signal to a TV or a monitor

- 1 Set the LINE SELECT switch on the player's right side to “OUT.”

Connecting to an AV amplifier (receiver)

Example 1

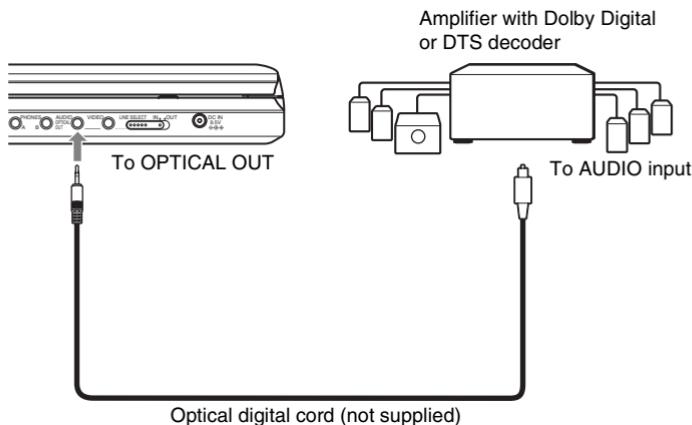


To send analog audio signal to an AV amplifier (receiver)

- 1 Set the LINE SELECT switch on the player's right side to "OUT."

* The yellow plug is used for video signals (page 34).

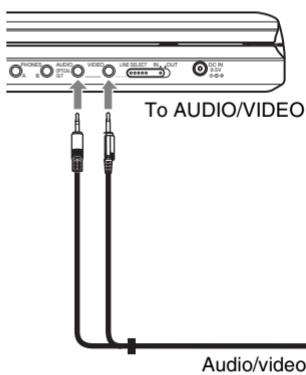
Example 2



To send digital audio signal to an AV amplifier (receiver)

- 1 Set the LINE SELECT switch on the player's right side to "OUT."
- 2 Set "Digital Output" to "On" in "Audio Setup" (page 30).

Connecting to Video Player or Camcorder



Video player or camcorder



To AUDIO/VIDEO output

To receive the playback signal from a Video Player or Camcorder

- 1 Set the LINE SELECT switch on the player's right side to "IN."

Note

Set the LINE SELECT switch to "OUT" after use. You cannot play back on the player if the switch is set to "IN."

Troubleshooting

If you experience any of the following difficulties while using the player, use this troubleshooting guide to help remedy the problem before requesting repairs. Should any problem persist, consult your nearest Sony dealer.

Power

The power is not turned on.

- Check that the AC power cord is connected securely.
- When using with the battery pack, check that the battery pack is sufficiently charged.

Picture

There is no picture/picture noise appears.

- The disc is dirty or flawed.
- The brightness is set at minimum. Set the brightness in "LCD Mode" (page 27).
- When you play discs, set the LINE SELECT switch to "OUT." When you send the playback signal to other device, set the LINE SELECT switch to "OUT." When you receive the playback signal from other device, set the LINE SELECT switch to "IN" (page 34).
- Re-connect the connecting cord securely.
- The connecting cords are damaged.
- Check the connection to your TV (page 34) and switch the input selector on your TV so that the signal from the player appears on the TV screen.
- The player is connected to the COMPONENT VIDEO IN (Y, Pb, Pr) jacks of high-vision TV.
- If the picture output from your player goes through your video deck to get to your TV or if you are connected to a combination TV/VIDEO player, the copy-protection signal applied to some DVD programmes could affect picture quality.

The picture does not fill the screen, even though the aspect ratio is set in "TV Display" under "General Setup."

- The aspect ratio of the disc is fixed on your DVD.

The black points appear and the red, blue, green points remain on the LCD.

- This is a structural property of the LCD and not malfunction.

Sound

There is no sound.

- The player is in pause mode or in Slow Play mode.
- The player is in fast forward or fast reverse mode.
- Re-connect the connecting cord securely.
- The connecting cord is damaged.
- The player is connected to the wrong input jack on the amplifier (receiver) (page 35).
- The amplifier (receiver) input is not correctly set.
- If the audio signal does not come through the OPTICAL OUT jack, check the audio settings (page 31).

The sound volume is low.

- The sound volume is low on some DVDs. The sound volume may improve if you set "Audio DRC" in "Audio Setup" to "TV Mode" (page 30).

Operation

The remote does not function.

- The batteries in the remote are weak.
- There are obstacles between the remote and the player.
- The distance between the remote and the player is too far.
- The remote is not pointed at the remote sensor on the player.
- Direct sunlight or strong illumination is striking the remote sensor.

Nothing happens when buttons are pressed.

- The player's **I/Off/HOLD** switch is set on "HOLD" (page 16).

The disc does not play.

- The disc is turned over.
Insert the disc with the playback side facing down.
- The disc is not set correctly.
- The player cannot play certain discs (page 7).
- The region code on the DVD does not match the player (page 8).
- Moisture has condensed inside the player (page 3).
- The player cannot play a recorded disc that is not correctly finalized (page 7).
- Parental Control has been set. Change the setting.
- The LINE SELECT switch on the player's right side is set to "IN."

The player starts playing the disc automatically.

- The disc features an auto playback function.

Playback stops automatically.

- While playing discs with an auto pause signal, the player stops playback at the auto pause signal.

Some functions such as Stop, Search, Scan, Slow Play, Repeat Play, or Random Play cannot be performed.

- Depending on the disc, you may not be able to do some of the operations above. Refer to the operating instructions supplied with the disc.

The language for the sound track cannot be changed.

- Try using the DVD's menu instead of the direct selection button on the remote (page 17).
- Multilingual tracks are not recorded on the DVD being played.
- The DVD prohibits the changing of the language for the sound track.

The subtitle language cannot be changed or turned off.

- Try using the DVD's menu instead of the direct selection button on the remote (page 17).
- Multilingual subtitles are not recorded on the DVD being played.
- The DVD prohibits the changing of subtitles.

The angles cannot be changed.

- Try using the DVD's menu instead of the direct selection button on the remote (page 17).
- Multi-angles are not recorded on the DVD being played.
- The angle can only be changed when the "ANGLE" indicator lights up on the screen (page 19).
- The DVD prohibits changing of the angles.

The MP3 audio track cannot be played (page 39).

- The DATA CD is not recorded in an MP3 format that conforms to ISO 9660 Level 1 or Joliet.
- The DATA DVD is not recorded in MP3 format that conforms to UDF (Universal Disk Format).
- The MP3 audio track does not have the extension ".MP3."
- The data is not formatted in MP3 even though it has the extension ".MP3."
- The data is not MPEG-1 Audio Layer III data.
- The player cannot play audio tracks in mp3PRO format.
- The MP3 audio track is damaged.

The JPEG image file cannot be played (page 39).

- The DATA CD is not recorded in a JPEG format that conforms to ISO 9660 Level 1 or Joliet.
- The DATA DVD is not recorded in JPEG format that conforms to UDF (Universal Disk Format).
- The JPEG image file does not have the extension “.JPG.”
- The data is not formatted in JPEG even though it has the extension “.JPG.”
- The JPEG image file format does not conform to DCF (page 39).
- The image is larger than 3078 (width) × 2048 (height) in normal mode, or more than 3,300,000 pixels in progressive JPEG. (Some progressive JPEG files cannot be displayed even if the file size is within this specified capacity.)
- The JPEG image file is damaged.

The album/track/file names are not displayed correctly.

- The player can only display numbers and alphabet. Other characters are displayed as “*.”

The disc does not start playing from the beginning.

- Repeat Play or Random Play is selected (pages 21 and 23).
- Resume play has taken effect (page 17).

The player does not operate properly.

- When static electricity, etc., causes the player to operate abnormally, unplug the player.

About MP3 Audio Tracks and JPEG Image Files

MP3 is audio compression technology that satisfies the ISO/IEC MPEG regulations.

JPEG is image compression technology.

You can play DATA CDs/DATA DVDs that contain MP3 audio tracks or JPEG image files.

DATA CDs/DATA DVDs that the player can play

You can play back DATA CDs (CD-ROMs/CD-Rs/CD-RWs) or DATA DVDs (DVD-ROMs/DVD+RWs/DVD+Rs/DVD-RWs/DVD-Rs) recorded in MP3 (MPEG-1 Audio Layer III) and JPEG format.

However, this player only plays DATA CDs whose logical format is ISO 9660 Level 1 or Joliet, and DATA DVDs of Universal Disk Format (UDF).

Refer to the instructions supplied with the disc drives and the recording software (not supplied) for details on the recording format.

Note

The player may not be able to play some DATA CDs/DATA DVDs created in the Packet Write format or multiple sessions.

MP3 audio track or JPEG image file that the player can play

The player can play the following tracks and files:

- MP3 audio tracks with the extension “.MP3.”
- JPEG image files with the extension “.JPG.”
- JPEG image files that conform to the DCF* image file format.

* “Design rule for Camera File system”: Image standards for digital cameras regulated by JEITA (Japan Electronics and Information Technology Industries Association).

Notes

- Change the extension to ".JPG," for files with ".JPE" or ".JPEG" extension.
- The player will play any data with the extension ".MP3" or ".JPG," even if they are not in MP3 or JPEG format. Playing this data may generate a loud noise which could damage your speaker system.
- The player does not conform to audio tracks in mp3PRO format.
- Some JPEG files cannot be played.
- The player can display a file or track name up to 14 characters. Any characters after the 14th character do not appear on the screen.
- Characters that are not displayable appear as "*."
- Depending on the disc, a file or track name that is not displayable appears as "*."
- You cannot display correctly the CD-R/CD-RW file names written in the UDF file system.
- When playing an MP3 audio track recorded in VBR mode, you cannot display the bit rate correctly.

About playback order of albums, tracks, and files

Tracks and files within an album play in the order of the recorded media (CD-R etc.).

💡 Hint

Since a disc with many trees takes longer to start playback, it is recommended that you create albums with no more than two trees.

Notes

- The player can recognize up to 299 albums (including albums that do not contain MP3 audio tracks and JPEG image files). The player will not play any albums beyond the 299th album.
- The player can recognize a combined total of up to 648 files, tracks, and albums. The player will not play beyond the 648th file, track or album.
- Depending on the writing condition of the disc, the total number of files, tracks, and albums recognizable may be fewer than 648.
- The Album List displays only the currently playing album name. Any album located on the upper layer is displayed as "\.\
"

Notes About the Discs

- To keep the disc clean, handle the disc by its edge. Do not touch the surface.



- Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight as the temperature may rise considerably inside the car.
- After playing, store the disc in its case.
- Clean the disc with a cleaning cloth. Wipe the disc from the centre out.



- Do not use solvents such as benzine, thinner, disc/lens cleaners, or anti-static spray intended for vinyl LPs.
- If you have printed the disc's label, dry the label before playing.

Specifications

System

Laser: Semiconductor laser

Signal format system: NTSC

Audio characteristics

Frequency response: DVD VIDEO (PCM
48 kHz): 20 Hz to 22 kHz/
CD: 20 Hz to 20 kHz

Harmonic distortion: 0.01 %

Dynamic range: DVD VIDEO: 90 dB/
CD: 90 dB

Wow and flutter: Less than detected value
(±0.001% W PEAK)

Inputs/Outputs

VIDEO (video input/output):

Minijack (1)

Output 1.0 Vp-p/75 ohms

AUDIO (audio input/output)/OPTICAL

OUT (optical output):

Stereo minijack/optical minijack
combined (1)

Output 2.0 Vrms/47 kilohms

Recommended load impedance over
47 kilohms

PHONES (headphones) A/B:

Stereo minijack (2)

Liquid Crystal Display

Panel size: 8 inches wide (diagonal)

Driving system: TFT active matrix

Resolution: 800 × 480 (effective pixel rate:
more than 99.99%)

General

Power requirements:

DC 9.5 V (AC Adaptor/Car battery
adaptor)

DC 7.4 V (Battery pack)

Power consumption (DVD VIDEO

Playback):

23 W (when used with a battery pack)
8.5 W (when used without a battery pack,
with a headphone)

Dimensions (approx.):

225.4 × 33.5 × 164.9 mm (8 7/8 × 1 3/8 ×
6 1/2 inches) (width/height/depth) incl.
projecting parts

Mass (approx.): 920 g (2.03 lbs)

Operating temperature: 5 °C to 35 °C
(41°F to 95°F)

Operating humidity: 25 % to 80 %

AC Adaptor: 100-240 V AC, 50/60 Hz

Car Battery Adaptor: 12 V DC

Supplied accessories

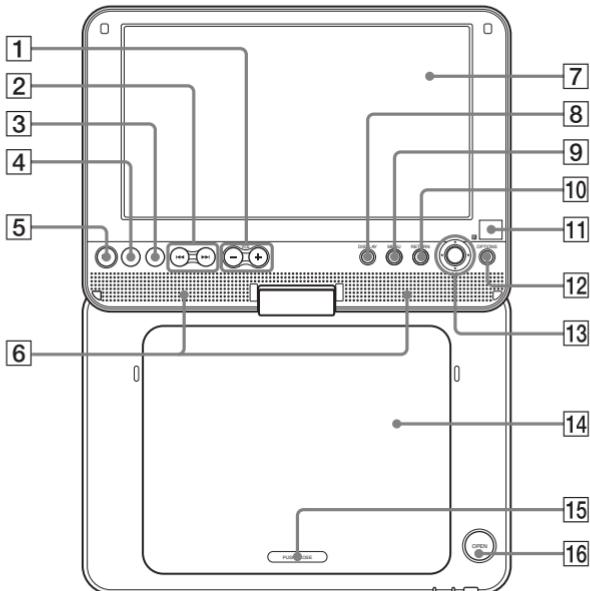
See page 9.

Specifications and design are subject to
change without notice.

Index to Parts and Controls

For more information, see the pages indicated in parentheses.

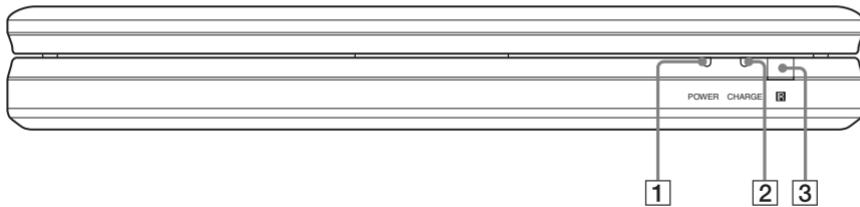
Upper view



[1] VOL (sound volume) -/+ button*	[9] MENU button (17)
[2] ◀◀/▶▶ (previous/next) buttons (16)	[10] RETURN button (20)
[3] ■ (stop) button (16)	[11] █ (remote sensor) (9)
[4] (pause) button (16)	[12] OPTIONS button (27)
[5] ▷ (play) button (15)*	[13] ◀/↑/↓/▶ buttons, ENTER button (17)
[6] Speaker (16)	[14] Disc lid (15)
[7] LCD panel (10)	[15] PUSH CLOSE (15)
[8] DISPLAY button (20)	[16] OPEN button (15)

* Use the tactile dot as a reference when operating the player. The ▷ (play) and VOL + buttons have a tactile dot.

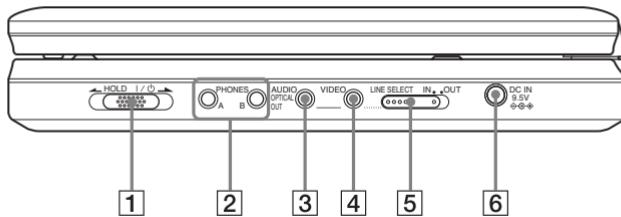
Front view



- 1** POWER indicator (15)
- 2** CHARGE indicator (13)

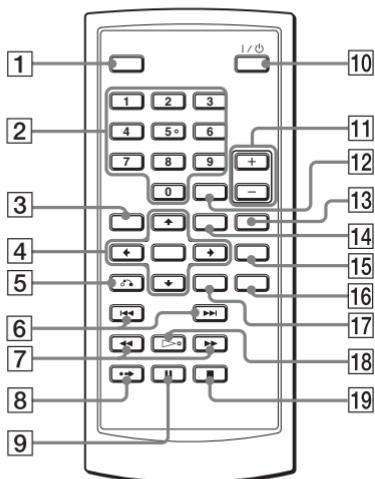
- 3**  (remote sensor) (9)

Right view



- 1**  (on/standby)/HOLD switch (15)
- 2** PHONES (headphone) jack A, B
- 3** AUDIO (input/output) jack/OPTICAL OUT (optical output) jack (34, 35)
- 4** VIDEO (input/output) jack (34)
- 5** LINE SELECT (IN/OUT) switch (15)
- 6** DC IN 9.5V (AC adaptor input) jack (11)

Remote



- 1** DISPLAY button (20)
- 2** Number buttons (17)*
- 3** TOP MENU button (17)
- 4** $\leftarrow/\uparrow/\downarrow/\rightarrow$ buttons, ENTER button (17)
- 5** \circlearrowleft RETURN button (20)
- 6** $\blacktriangleleft/\blacktriangleright$ PREV (previous)/NEXT buttons (16)
- 7** $\blacktriangleleft/\blacktriangleright$ (scan/slow) buttons (22)
- 8** $\bullet\rightarrow$ ADVANCE button (16)
- 9** \blacksquare PAUSE button (16)
- 10** I/O (on/standby) button (15)
- 11** VOL (sound volume) $+-$ buttons
- 12** CLEAR button (32)
- 13** AUDIO button (18)*
- 14** MENU button (17)
- 15** SUBTITLE button (19)
- 16** ANGLE button (19)
- 17** OPTIONS button (27)
- 18** \triangleright PLAY button (15)*
- 19** \blacksquare STOP button (16)

* Use the tactile dot as a reference when operating the player. The number 5 button has a tactile dot.

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Índice

Este manual explica los preparativos y el funcionamiento básico del reproductor portátil de CD/DVD.

Para obtener más información, consulte el Manual de Instrucciones en inglés.

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Reproducción de discos	9

Control de accesorios

Compruebe que dispone de los siguientes elementos:

- Cable de audio/video (clavija mini × 2 ↔ clavija fono × 3) (1)
- Cable de alimentación de CA (1)
- Adaptador de CA (1)
- Adaptador para batería de automóvil (1)
- Batería (NP-FX110) (1)
- Control remoto (con batería) (1)

Uso del control remoto

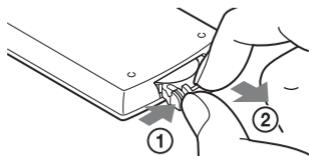
Cuanto utilice el control remoto, oriéntelo hacia el sensor remoto  del reproductor.

ES

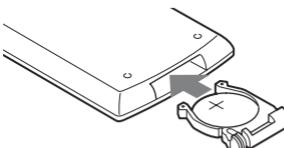
Para reemplazar la batería del control remoto

Inserte una batería de litio CR2025 haciendo coincidir sus extremos \oplus y \ominus .

1 Retire el compartimiento de la batería (②) mientras presiona la palanca de bloqueo (①).



3 Introduzca la batería nueva en el compartimiento de batería con el lado \oplus hacia arriba y luego presione totalmente el compartimiento.



2 Retire la batería usada.

Notas

- No exponga el sensor remoto  a la luz directa del sol o de aparatos de iluminación. Hacerlo podría ocasionar un mal funcionamiento.
- Cuando la batería se agota no es posible realizar operaciones con los botones. Si el control remoto no funciona, cambie la batería y controle el estado.

ADVERTENCIA

La batería puede explotar si no se maneja correctamente.
No la recargue, ni la desarame, ni la arroje al fuego.

PRECAUCIÓN

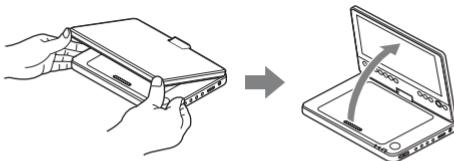
Hay peligro de explosión si la batería no se reemplaza correctamente.
Reemplácela solamente con el mismo tipo de batería o uno equivalente.

Uso del Panel LCD

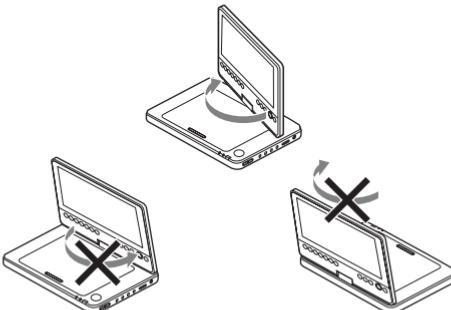
El panel LCD del reproductor puede rotar un máximo de 180 grados en sentido horario y continuar utilizándose. Luego de rotar el panel LCD, este puede plegarse sobre la carcasa del reproductor y continuar funcionando.

Rotación del panel LCD

- 1 Coloque el reproductor sobre una mesa u otra superficie plana y estable.**
- 2 Empuje el panel LCD hacia arriba con los pulgares hasta que esté abierto en posición vertical.**



- 3 Rote lentamente el panel LCD 180 grados en la dirección que indica la flecha (sentido horario).**



Rotación y plegado del panel LCD

Luego de rotar el panel LCD 180 grados en sentido horario, empuje el panel LCD hacia abajo sobre la carcasa del reproductor. En esta posición, el panel queda mirando hacia arriba.



Para volver a colocar el panel LCD en su posición original

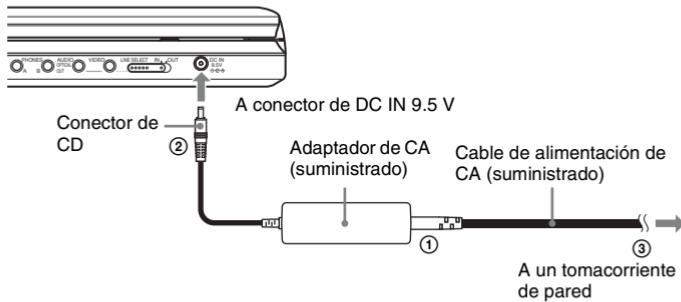
Abra el panel LCD en la posición vertical y rótelos lentamente en sentido antihorario.

Notas

- No rote el panel LCD más de 180 grados. Además, no lo rote en la dirección contraria. Si lo hace, el panel LCD se romperá.
- Si el panel LCD no se abre totalmente, no lo rote más. El panel LCD podría romperse.
- Luego de utilizar el panel LCD, colóquelo nuevamente en la posición original. La pantalla LCD puede dañarse por sacudidas violentas o un tratamiento similar.

Conexión del Adaptador de CA

Conecte el adaptador de CA (suministrado) en el orden de ① a ③ como se muestra debajo. Para desconectarlo, siga los pasos en el orden inverso.



Nota

Detenga la reproducción antes de desconectar el cable de alimentación de CA. No hacerlo podría ocasionar un mal funcionamiento.

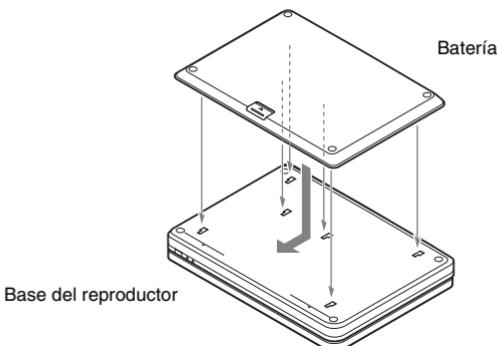
Uso de la Batería

Cuando no hay disponible una conexión a la corriente CA, el reproductor puede disfrutarse instalando la batería (suministrada).

Por favor cargue la batería antes de utilizarla.

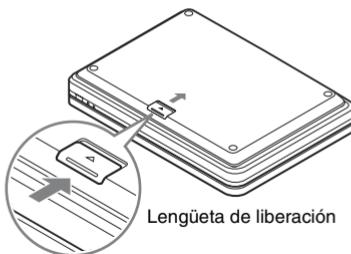
Instalación de la batería

- 1 Alineando la batería con las líneas de la base del reproductor, ajuste los ganchos de la batería en los huecos de la base del reproductor.
- 2 Deslice la batería en la dirección que indica la flecha hasta que se ajuste con un clic.



Para retirar la batería

Empuje la lengüeta de liberación y deslice la batería en la dirección que indica la flecha.

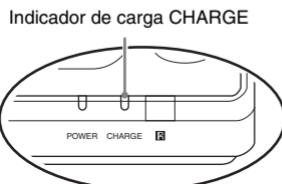
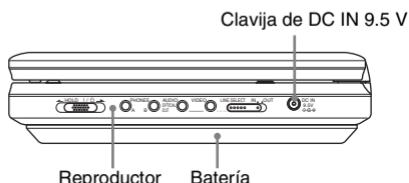


Notas

- Apague el reproductor antes de instalar la batería.
- No retire la batería durante la reproducción.
- No toque los puntos de conexión del reproductor y la batería. Hacerlo podría ocasionar un mal funcionamiento.
- Tenga cuidado de no dejar caer la batería cuando la instale o retire.

Carga de la batería

- 1 Sujete la batería al reproductor (página 6).
- 2 Conecte el adaptador de CA al reproductor y luego conecte el cable de alimentación de CA a un tomacorriente de pared (página 5).



Cuando comienza el proceso de carga, el indicador CHARGE se enciende.

Cuando termina el proceso de carga, el indicador CHARGE se apaga.

- 3 Cuando finalice el proceso de carga, desconecte el cable de alimentación de CA del tomacorriente de pared y retire el adaptador de CA.

Para controlar el nivel de batería

Cuando el reproductor está detenido, un indicador de batería aparece en la pantalla. Recargue la batería cuando aparezca  o el indicador CHARGE destelle.



El indicador de batería no se muestra mientras se reproduce un DVD o archivo JPEG. Detenga el reproductor y compruebe el nivel de batería.

Tiempo de carga y tiempo máximo de reproducción

Tiempo de carga (con el reproductor apagado)	Tiempo de reproducción (con la visualización encendida)
Aproximadamente 6 horas	Aproximadamente 6 horas*

* Esta es la indicación de la reproducción continua más prolongada en las siguientes condiciones.

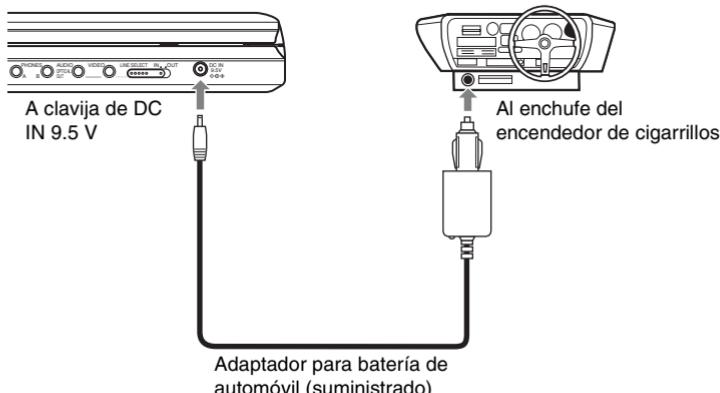
- temperatura normal (20°C (68°F))
- Uso de auriculares
- Configure el ajuste de luz de fondo al mínimo
- Configure el ajuste de “Salida Digital” en “No” en “Ajuste Audio”.
- La condición de la batería puede reducir el tiempo de operación.

Notas

- El indicador de batería no aparece en la pantalla cuando el adaptador de CA se está utilizando o cuando recibe alimentación de fuentes externas.
- Los tiempos de carga pueden diferir de los que se indican más arriba debido a las condiciones de uso, el entorno y otros factores. La temperatura ambiente recomendada para la carga oscila entre los 10-30°C (50-86°F).

Uso con el adaptador para batería de automóvil

Utilice el adaptador para batería de automóvil (suministrado) para alimentar el reproductor desde el enchufe del encendedor de cigarrillos. El adaptador es para una batería de automóvil de 12V. No lo utilice con una batería de automóvil de 24V. El adaptador también puede utilizarse en automóviles con sistema eléctrico de tierra negativa. No lo utilice en automóviles con sistema eléctrico de tierra positiva.



💡 Sugerencia

Si el adaptador interfiere con la operación del automóvil, utilice un cable de extensión comercial para encendedor de cigarrillos.

Notas

- No utilice el adaptador para automóviles si ha sido golpeado o dañado.
- Arregle el cable de manera que no moleste al conductor. Además, no coloque el panel LCD donde el conductor pueda verlo.
- Si la imagen no es nítida, mantenga el reproductor alejado del adaptador para batería de automóvil.
- Utilice el adaptador para batería de automóvil con el motor en marcha. Si se utiliza con el motor apagado, la batería del automóvil puede quedar inutilizable.
- Si el enchufe del encendedor de cigarrillos está sucio de ceniza, etc., una mala conexión puede ocasionar que el enchufe se caliente. Siempre límpielo bien antes de usarlo.
- El adaptador para batería de automóvil puede calentarse mientras se carga o luego de utilizarlo durante un período prolongado. Eso no es una falla de funcionamiento.

Luego de utilizar el adaptador para batería de automóvil

Luego de apagar el reproductor, desconecte el adaptador para batería de automóvil del enchufe del encendedor de cigarrillos.

Notas

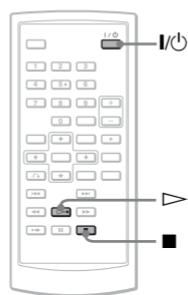
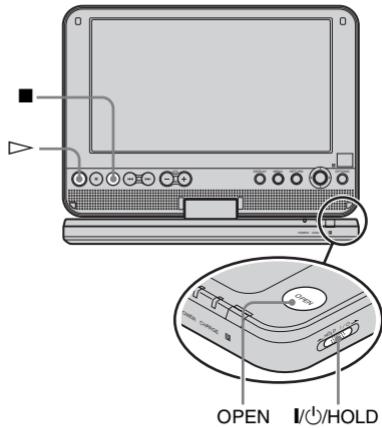
- No apague el motor del automóvil mientras el reproductor esté encendido. Eso detendrá la alimentación de corriente y podría dañar el reproductor.
- Desconecte el adaptador para batería de automóvil luego de utilizarlo. Debido a que en algunos automóviles la corriente llega al enchufe del encendedor de cigarrillos aunque el motor esté apagado, la batería puede descargarse con el tiempo.
- Al desconectar un adaptador para batería de automóviles, sostenga el enchufe para retirarlo.
- Al escuchar la radio del automóvil, desconecte el adaptador para batería del encendedor de cigarrillos para evitar el ruido.

Reproducción de discos

DVDVideo CD DATA CD DATA DVD

Dependiendo del DVD, algunas operaciones pueden ser diferentes o estar restringidas. Consulte las instrucciones de operación proporcionadas con el disco.

Conecte el adaptador de CA o instale la batería.



1 Abra el panel LCD del reproductor.

Ajuste el interruptor LINE SELECT sobre el lado derecho del reproductor en "OUT".

2 Presione I/O en el control remoto o deslice el interruptor I/O/HOLD del reproductor a "I/O".

El reproductor se enciende y el indicador de energía se muestra verde.

3 Presione OPEN para abrir la tapa del disco.

4 Inserte el disco a reproducir.

Empuje la cara de reproducción hacia abajo hasta que se ajuste con un clic.



La cara de reproducción debe mirar hacia abajo

5 Empuje el PUSH CLOSE del reproductor para cerrar la tapa del disco.

6 Presione ▷.

Comienza la reproducción.

- Algunos discos pueden comenzar a reproducirse automáticamente luego de cerrar la tapa del disco.
- Dependiendo del disco, puede aparecer un menú en la pantalla. Vea página 11 para obtener más información.
- Luego de reproducir todos los títulos, el reproductor se detendrá y volverá a mostrarse la pantalla de menú.

Notas

- Si el disco se inserta con la cara de reproducción hacia arriba, aparecerá un mensaje que dice "No hay disco" o "Imposible reproducir este disco."

- Los discos creados en grabadoras de DVD deben finalizarse correctamente para reproducirlos en este reproductor. Para más información sobre la finalización, consulte las instrucciones de operación suministradas con la grabadora de DVD.
- El disco todavía puede estar girando al abrir la tapa del disco. Espere hasta que el disco se detenga antes de retirarlo.
- Durante la operación podrá aparecer “” en la pantalla. Este símbolo indica que una función explicada en estas instrucciones de operación no está disponible en el DVD VIDEO actual.

Para detener la reproducción

Presione **■**.

Si presiona **▷** nuevamente, la reproducción se reanudará desde donde la detuvo (Reanudar reproducción). Vea página 11 para obtener más información.

Para reproducir desde el principio, presione **■** dos veces y luego presione **▷**.

Para apagar el reproductor

Presione el botón **■/○** del control remoto o deslice el interruptor **■/○/HOLD** del reproductor a “**■/○**”.

Para evitar la operación accidental de un botón del reproductor

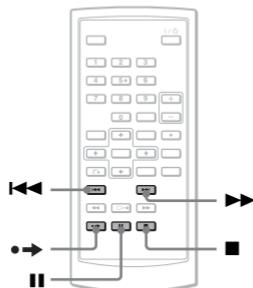
Ajuste el interruptor **■/○/HOLD** del reproductor en “**HOLD**”. Todos los botones del reproductor están bloqueados mientras que el botón del control remoto continúa en funcionamiento.

Notas

- Un protector de pantalla aparece cuando usted deja el reproductor en pausa o detenido sin operación por más de 15 minutos. La imagen desaparece cuando usted presiona **▷**.
- El reproductor se apaga 15 minutos después de comenzar la función de protector de pantalla (Apagado automático).

Operaciones adicionales de reproducción

DVDVideo CD DATA CD DATA DVD



Para	Operación
Detener	Presione ■
Pausa	Presione ■■
Vaya al siguiente capítulo, pista o escena en modo de reproducción continua	Presione ▶▶
Vuelva al capítulo, pista o escena anterior en modo de reproducción continua	Presione ◀◀
Adelante brevemente la escena actual*	Presione → durante la reproducción.

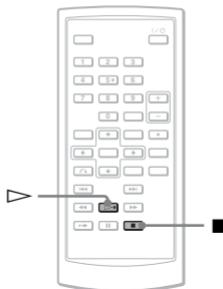
* DVD VIDEOs solamente.

Las funciones mencionadas no podrán utilizarse para algunas escenas.

Reanudar la reproducción desde donde usted detuvo el disco (Reanudar reproducción)

DVDVideo CD

Cuando usted detiene la reproducción, el reproductor recuerda el punto donde se detuvo y muestra un mensaje en la pantalla. Usted puede reanudar la reproducción desde el mismo lugar presionando ▶ nuevamente. La función Reanudar reproducción funciona aún después de apagar el reproductor, siempre y cuando la tapa del disco se mantenga cerrada.



- 1 Al reproducir un disco, presione ■ para detener la reproducción.
Aparece un mensaje.
- 2 Presione ▶.
El reproductor comienza a reproducir desde donde usted lo detuvo en el paso 1.

Sugerencias

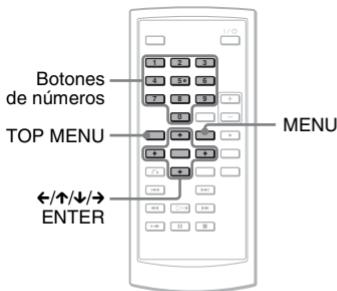
- Para reproducir desde el principio del disco, presione ■ dos veces y luego presione ▶.
- Al encender nuevamente el reproductor después de apagarlo, la reproducción se reanuda automáticamente.

Notas

- Dependiendo del lugar donde se detuvo, la reproducción puede no comenzar desde exactamente el mismo punto.
- El punto donde usted detuvo la reproducción se borra cuando:
 - usted abre la tapa del disco.
 - usted desconecta la batería y el adaptador de CA.
 - usted cambia el ajuste del interruptor LINE SELECT.

Uso del menú de DVD DVDVideo

Un DVD está dividido en secciones largas de una película o presentación musical llamadas "títulos". Cuando usted reproduce un DVD que contiene varios títulos, puede seleccionar el título que deseé con el botón TOP MENU. Cuando usted reproduce DVDs que le permiten seleccionar elementos tales como el idioma del sonido y los subtítulos, seleccione esos elementos con el botón MENU.



- 1 Presione TOP MENU o MENU.
El menú del disco aparece en la pantalla. Los contenidos del menú varían de un disco a otro.
- 2 Presione </>/</>/</> o los botones de números para seleccionar el elemento que desea reproducir o cambiar.
- 3 Presione ENTER.

Nota

Dependiendo del disco, usted no podrá utilizar </> del reproductor para el menú de disco. En ese caso, utilice </> del control remoto.

Cambio del sonido

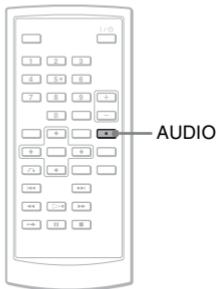
DVDVideo CD

Al reproducir un DVD VIDEO grabado en múltiples formatos de audio (PCM, Dolby Digital o DTS), usted puede cambiar el formato de audio. Si el DVD VIDEO está grabado con pistas multilingües, usted también puede cambiar el idioma.

Con CDs, usted puede seleccionar el sonido del canal derecho o del izquierdo y escuchar el sonido del canal seleccionado a través de los parlantes derecho e izquierdo. Por ejemplo, al reproducir un disco contenido una canción con las voces en el canal derecho y los instrumentos en el canal izquierdo, usted puede escuchar los instrumentos a través de ambos parlantes seleccionando el canal izquierdo.

Notas

- Dependiendo del disco, usted no podrá cambiar el formato de audio aunque esté grabado en múltiples formatos de audio.
- Al reproducir pistas de audio DTS en un CD, usted no podrá cambiar el sonido.



1 Presione AUDIO varias veces para seleccionar la señal de audio deseada.

El ajuste por defecto está subrayado.

◆ Al reproducir un DVD VIDEO

Dependiendo del DVD VIDEO la opción de idioma varía.

Cuando el mismo idioma se muestra dos o más veces, el DVD VIDEO se graba en múltiples formatos de audio.

◆ Al reproducir un CD

- Estéreo: el sonido estéreo estándar
- Izqdo.: el sonido del canal izquierdo (monoaural)
- Dcho.: el sonido del canal derecho (monoaural)

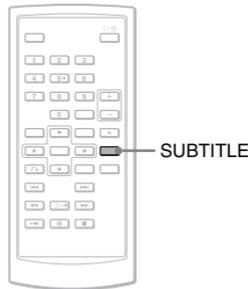
💡 Sugerencia

Usted puede comprobar el formato de audio actual (Dolby Digital, DTS, PCM, etc.) presionando AUDIO varias veces al reproducir un DVD VIDEO.

Presentación de subtítulos

DVDVideo

Si los subtítulos están grabados en el disco, usted podrá cambiar los subtítulos o activarlos o desactivarlos cuando lo desee al reproducir un DVD.



1 Presione SUBTITLE varias veces para seleccionar un ajuste.

Dependiendo del disco, la opción de idioma varía.

Para desactivar los subtítulos

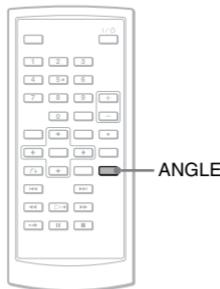
Seleccione "Subtitulo Desact." en el paso 1.

Notas

- Dependiendo del DVD VIDEO, usted no podrá cambiar los subtítulos aunque haya subtítulos multilingües grabados en el mismo. Además, usted no podrá desactivarlos.
- Al reproducir un disco con subtítulos, el subtítulo puede desaparecer cuando usted presione \rightarrow .

Cambio de ángulos DVDVideo

Si varios ángulos (multiángulos) de una escena están grabados en el DVD VIDEO, "CAM" aparece en la pantalla. Esto significa que usted puede cambiar el ángulo de visualización.



1 Presione ANGLE varias veces para seleccionar un número de ángulo.

La escena cambia al ángulo seleccionado.

Notas

- Algunos DVD VIDEOS no permiten cambiar de ángulo aunque haya multiángulos grabados.
- Usted no puede cambiar de ángulo durante Reproducción Lenta o Reproducción Rápida.

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